

RADIO FIX AND HOLDING DATA RECORD

NAME: HASUM

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420118.07N/0711431.22W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
COPTER RNAV (GPS) Y RWY 14

FAC

PAT

AIRPORT IDENT
1B9

CITY
MANSFIELD

STATE
MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/01/2022

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RALPH DUMAR

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE: *Digitally signed by*
RAKE MCGRAW
Oct 20, 2022



RADIO FIX AND HOLDING DATA RECORD

NAME: MILIS STATE: MA COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 420618.59N/0711841.62W TYPE: WP, INT, DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	BOSTON	BOS	VOR/DME	H	239.60	223.60	20.86	20.86	2000	17500
2	PROVIDENCE	PVD	VOR/DME	H	027.00	013.00	23.44	23.44	2000	17500
3	GARDNER	GDM	VOR/DME	L	142.25	128.25		42.46	2000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GDM	VOR/DME	R-142	43	2000	17500

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	NE	BOS	VOR/DME	239.60	239.60	R	1-1 1/2	3000 17500	5 18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER	420544.00N/0711349.00W	891	5D
1	310	TOWER	421837.00N/0711412.00W	1449	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	LOC RWY 35	KOWD	NORWOOD	MA (US)

REMARKS:

BOSTON (FAC 1) AND PROVIDENCE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
 PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V16	1, 2, 3				(US)
EN ROUTE	V3	1, 2, 3				(US)
IAP	COPTER RNAV (GPS) Y RWY 14			1B9	MANSFIELD	MA (US)
IAP	LOC RWY 35	1, 2, 3	1	KOWD	NORWOOD	MA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 19

DATE OF REVISION: 12/01/2022

REASON FOR REVISION:

ADDED WP TO FIX TYPE.
 ADDED 1B9 COPTER RNAV (GPS) Y RWY 14 TO FIX USE.
 ADDED FAC 1, 2, 3 USAGE FOR KOWD LOC RWY 35 IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

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OFFICE: AJV-A420

NAME: MARLON ROBINSON

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RAKE MCGRAW

Oct 20, 2022



RADIO FIX AND HOLDING DATA RECORD

NAME: WAXAL

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420023.55N/0712004.89W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
COPTER RNAV (GPS) Y RWY 14

FAC

PAT

AIRPORT IDENT
1B9

CITY
MANSFIELD

STATE
MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/01/2022

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RALPH DUMAR

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

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RAKE MCGRAW
Oct 20, 2022



RADIO FIX AND HOLDING DATA RECORD

NAME: ZODED

STATE: MA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420255.24N/0711754.74W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
COPTER RNAV (GPS) Y RWY 14

FAC

PAT

AIRPORT IDENT
1B9

CITY
MANSFIELD

STATE
MA (US)

REQUIRED CHARTING: IAP

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QUALITY
26
CHECKED